

Australian And New Zealand Society Of Respiratory Science Inc

2002 Annual Scientific Meeting

Cairns, Queensland, 22 – 24 March 2002

Keynote Speakers: **Prof Janet Stocks**
Professor of Respiratory Physiology
Institute of Child Health
London

Dr Stuart Hooper.
NH&MRC Fellow
Department of Physiology
Monash University
Melbourne

Scientific Programme

Oral Presentations

- O1 [Glucocorticoid receptor polymorphism and life-threatening asthma.](#)
Shaw JG, Yang IA, Dent AG, Lynn PE, Smith DG, Serginson JG, Zimmerman PV, Fong KM.
- O2 [The use of web based technologies to distribute pulmonary function results across a fractured campus.](#)
Nolan G, Downing S, Zhang YG
- O3 [Post extubation physiotherapy for premature infants-effects on hypoxaemia and bradycardia.](#)
Shearman AD, Flenady VJ, Bagley CE
- O4 [Direct method of measurement of pulmonary shunt fraction.](#)
Peyton P, Thompson B
- O5 [FEF₂₅₋₇₅ measured using the 6 Second volume \(FEF₆₂₅₋₇₅\) is less variable than FEF₂₅₋₇₅.](#)
Swanney MP, Beckert LE, Wallace LA, Jensen RL, Crapo RO
- O6 [Repeatability of PO₂ using a radiometer ABL700 blood gas analyser.](#)
Sallaway KA, Swanney MP
- O7 [A theoretical comparison of non-biological TLCO quality control methods for detection of gas analysis errors.](#)
Rochford P, Pretto J, Guy P, Johns D
- O8 [Is your VO₂max "Normal"?](#)
Gain KR, Smith DA, O'Donnell TV
- O9 [Mucociliary Clearance \(MCC\) in patients with asthma-effects of beta₂ agonists.](#)
Daviskas E, Anderson SD, Young IH, Eberl S, Seale JP
- O10 [Inhalation of mannitol, used as a model for exercise-induced bronchoconstriction \(EIB\), causes release of leukotrienes and a mast cell marker in asthmatic subjects.](#)
Brannan JD, Gulliksson M, Anderson SD, Dahlén S-E, Kumlin M

Poster Presentations

- P1 [Reference values for exhaled nitric oxide in both normal and well-controlled asthmatic populations.](#)
McLachlan CR, Hancox RJ, Cowan JO, Filsell S, Jones SL, Smith A, Taylor DR
- P2 [Measurement of exhaled nitric oxide. Is it a useful tool in the routine respiratory function laboratory?](#)
Filsell S, Hancox B, McLachlan C, Monti Sheehan G, Cowan J, Smith A, Taylor DR
- P3 [Indirect measures of standing height in adults.](#)
Tagliaferri R, Noffsinger W, Singh B, Hillman DR
- P4 [Flow-volume loops in the assessment of upper airway function following tracheostomy.](#)
Brazzale DJ, Pretto JJ, McMahon M, Pierce RJ
- P5 [Inter-laboratory comparison of biological and non-biological quality control methods for TLCO and VA measurements.](#)
Rochford P, Jack S, Cullin A, Guy P, Petto J, Johns DP
- P6 [Children recover faster from exercise induced asthma than adults.](#)
Xiros N, Pineiro M, Roberts R
- P7 [Can spirometric parameters predict oxygen desaturation at altitude in adult cystic fibrosis.](#)
Ingram C, Borg B, Khov S, Wilson J, Stirling R, Thompson B
- P8 [The clinical outcome of bronchodilator testing.](#)
McClymont E, Murray D, Swanney M, Beckert L
- P9 [Accuracy and repeatability of peak flow meters currently available in Australia and New Zealand.](#)
Side E, Hartley R, Thompson B, Johns DP
- P10 [Assessment of airways resistance using mouth occlusion pressure.](#)
Hurley JB, Ramondetta L., Kazins M, Demis TA, Pain MCF
- P11 [A review of current academic, practical, and professional training requirements for staff performing lung function tests in Australia, Canada, USA, and Europe.](#)
Nolan G

The Early Lung: Development, Physiology & Measurement Symposium

- S1 **Pre-natal Development of the Lung**
Dr Stuart Hooper
- S2 **Assessment of Lung And Airway Function in Infants and Young Children**
Professor Janet Stocks
- S3 **Asthma and Challenge Testing in Children – a Physiologist’s View**
Dr Sandra Anderson
- S4 **Asthma and Challenge Testing in Children – a Clinician’s View**
Dr Colin Robertson
- S5 **Reference Values – Transition from Child to Adult**
Mr Andrew Coates
- S6 **Airway Surfaces, CF and Gene Therapy**

Dr David Parsons

S7

Early Determinants of Airway Function
Professor Janet Stocks